VISION ZERO



SAFER STREETS FOR FORT LAUDERDALE

VISION ZERO
SAFER STREETS FOR FORT LAUDERDALE

TIMELINE



July 2014
Connecting the Blocks Plan adopted

October 2013
Complete Streets Policy adopted

November 2015
Vision Zero Safety Action Plan adopted

August 2016
- VIPs meeting
- Vision Zero Task Force established

May 2016
Vision Zero Champions/ VIPs workshops

December 2016
Draft Five-year Action Plan completed

January 2017
- Public Affairs coordination meeting
- Broward County coordination meeting
- Fort Lauderdale Police Department coordination meeting

February 2017
- Florida Department of Transportation coordination meeting
- Broward Metropolitan Planning Organization coordination meeting

March 2017
Vision Zero Coordinator hired

ACHIEVE ZERO TOGETHER

VISION ZERO



SAFER STREETS FOR FORT LAUDERDALE

Vision Zero Champions

- Auto Nation
- Bicycling and Pedestrian Advisory Committee
- Broward College
- Broward County Board of Commissioners
- Broward Health
- Broward Metropolitan Planning Organization
- Chamber of Commerce
- City of Fort Lauderdale
- Civic Council President
- Development Community
- Florida Atlantic University
- Florida Department of Transportation, District 4
- Florida Department of Health in Broward County
- Florida House of Representatives
- Fort Lauderdale Downtown Development Authority
- Greater Fort Lauderdale Convention & Visitors Bureau
- National Coalition for Safer Roads
- School Board of Broward County
- State of Florida
- Broward County
- Urban Workshop

WORKING GROUPS

VISION ZERO
SAFER STREETS FOR FORT LAUDERDALE

Vision Zero Vision Implementation Partners

- Broward County Engineering
- Broward County School Board
- Broward County Transit
- Broward Metropolitan Planning Organization
- Broward TOUCH
- City of Fort Lauderdale
- FDOT Central Office
- Florida Atlantic University
- Florida Department of Transportation, District 4
- Holy Cross Hospital
- Neighbors
- RBX/BCycle
- University of Miami WalkSafe Program

WORKING GROUPS

VISION ZERO
SAFER STREETS FOR FORT LAUDERDALE

Vision Zero Task Force

City Manager's Office
- Division Of Neighbor Support
- Division of Structural Innovation
- Strategic Communications Office

Fire-Rescue
- Office of the Chief

Parks & Recreation
- Special Facilities & Administration
- Recreation

Police Department
- Investigations
- Operations
- Office of the Chief

Public Works
- Engineering Services
- Fleet Services

Sustainable Development
- Urban Design & Planning

Transportation And Mobility
- Administration
- Transportation

WORKING GROUPS

VISION ZERO SAFER STREETS FOR FORT LAUDERDALE

STRATEGIES TO ZERO

VISION ZERO

SAFER STREETS FOR FORT LAUDERDALE



VISION ZERO STRATEGIES

VISION ZERO
SAFER STREETS FOR FORT LAUDERDALE









Engineering



In Recognition of
Distracted Driving Awareness Month
April 2018

WHEREAS, The City Commission adopted Vision Zero Fort Lauderdale, an initiative that aims to eliminate all deadly traffic crashes and serious bodily injury; and

WHEREAS, Distracted Driving is perceived as one of the leading causes of congestion in Fort Lauderdale as reported by the Fort Lauderdale Neighbors Special Survey; and

WHEREAS, More than 40,000 people were killed on our nation's roadways last year, with distracted driving being a major contributor; and

WHEREAS, Each death due to Distracted Driving is preventable; and

WHEREAS, Distracted Driving is any activity that diverts a person's attention from the primary task of driving; and

WHEREAS, All distractions endanger driver, passenger, pedestrian, bicyclist, and other road user's safety; and

WHEREAS, Studies show that Texting While Driving involves tactical, visual, and cognitive distraction, and is among the worst of all driver distractions; and

WHEREAS, The Dangers of Distracted Driving are being compared to Drunk Driving; and





Encouragement

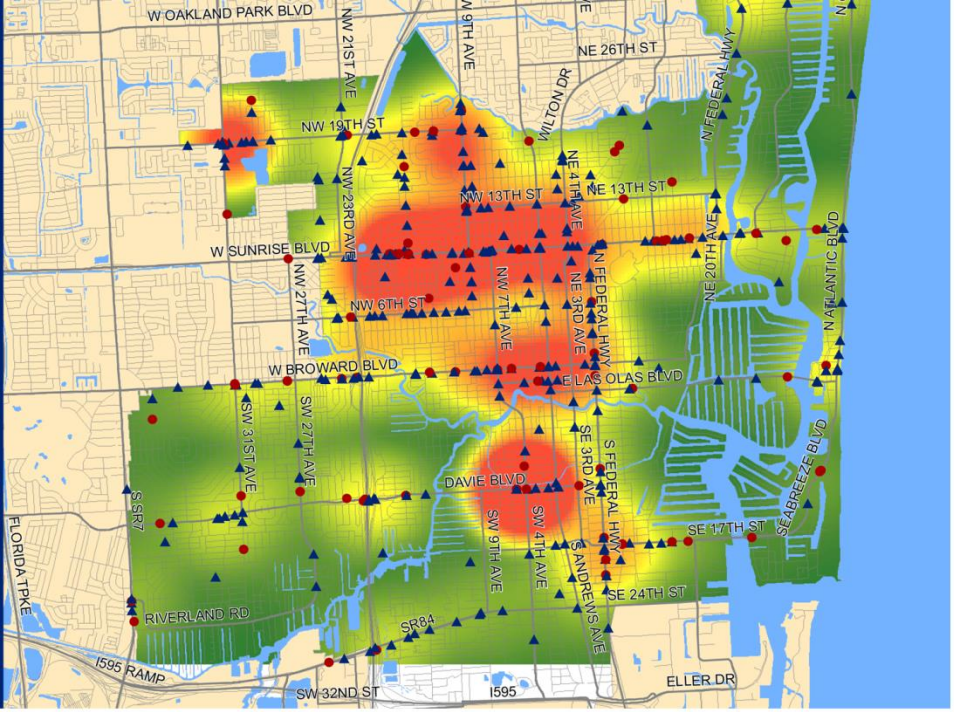



VISION
ZERO
SAFER STREETS FOR FORT LAUDERDALE


VISION
ZERO
SAFER STREETS FOR
FORT LAUDERDALE
1 Traffic-related
death is too many.
PAY ATTENTION!
www.fortlauderdale.gov/visionzero


See
THINK
TRAIN
VISION
ZERO
SAFER STREETS FOR
FORT LAUDERDALE

Education





November 17, 2017 Speed Radar Statistics

Time	# vehicles	#violators	peak speed
14:00	13	8	51
14:30	17	7	39
15:00	24	5	40
15:30	22	8	38
16:00	11	3	36
16:30	29	7	34
17:00	20	5	33
17:30	25	9	41
18:00	29	12	40
18:30	31	11	53
19:00	24	8	41

CITY OF FORT LAUDERDALE

A1A: E SUNRISE BLVD - NE 18TH ST

CRASH & CITATION FACTS

CITY OF FORT LAUDERDALE | TRANSPORTATION & MOBILITY

BEFORE (6 years)

1276 Speeding citations given between 2010 and 2015 for an average of **213** speeding citations **per year.**



AFTER (6 months) 1.31.17

100%

Reduction in speeding citations issued after roadway redesign.



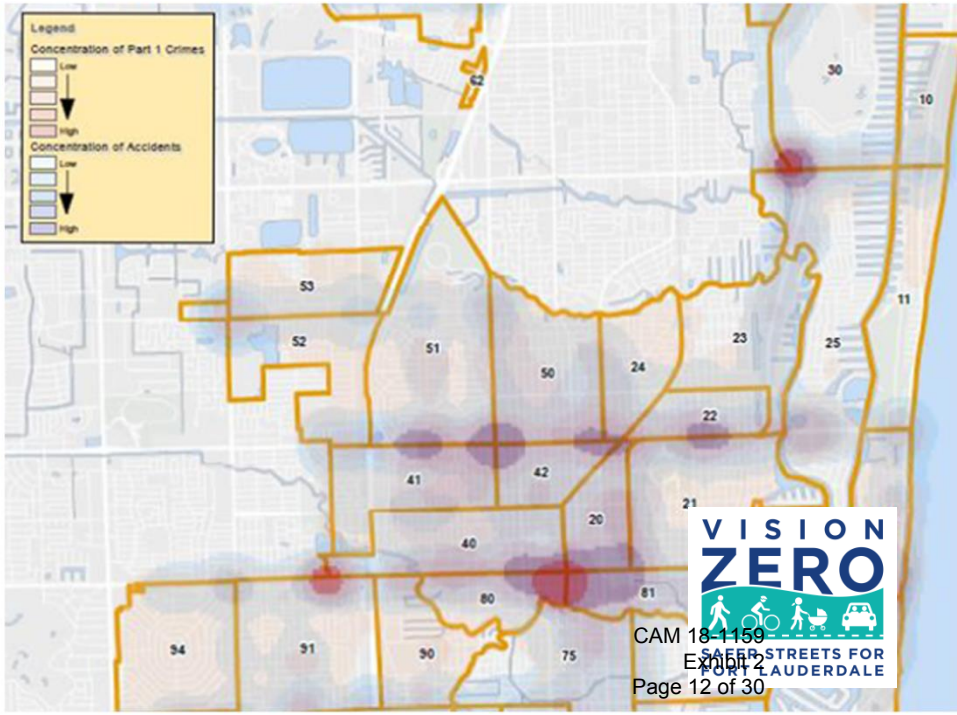
WATCH YOUR SPEED

TOO FAST!

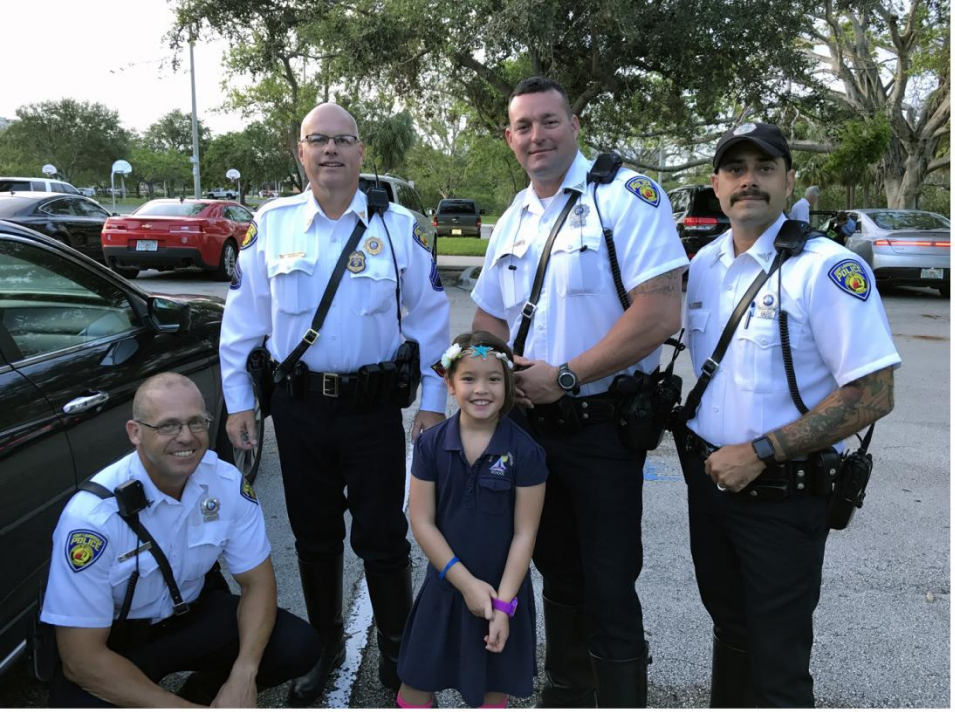
SLOW DOWN DON'T RUSH

SAFER

Evaluation



VISION ZERO
SAFER STREETS FOR FORT LAUDERDALE





CITY OF FORT LAUDERDALE POLICE

WARNING OF VIOLATION

As a courtesy of the Fort Lauderdale Police Department, you have received a written warning for violating Florida motor vehicle law(s). This is not a real ticket, but if it was, you would be responsible for the fine(s) listed below.

PEDESTRIAN: $63.50
- ☐ Disobeying traffic signal
- ☐ Crossing street midblock
- ☐ Failure to use sidewalk

BICYCLIST: $63.50
- ☐ Riding against traffic
- ☐ No bike lights
- ☐ Failure to yield to pedestrians

DRIVER:
- ☐ Running a red light ($263)
- ☐ Running a stop sign ($165)
- ☐ Failure to yield to pedestrian in crosswalk ($165)
- ☐ Unlawful speed ($130 -$605)
- ☐ Blocking a crosswalk ($165)

Other: _____

Officer Name: _____

Location: _____

DRIVERS
Slow down. Pay attention.
Traffic crashes with injuries or fatalities occur 19 times per day.

BICYCLISTS
Be visible. Be predictable.
A bicyclist is severely injured every 4 days.

PEDESTRIANS
Cross at a crosswalk.
Watch for turning vehicles.
A pedestrian is severely injured every 2 days.

Fort Lauderdale Data Source: Signal Four Analytics (2009-2014)



VISION ZERO
SAFER STREETS FOR FORT LAUDERDALE

This high visibility enforcement initiative is a component of Alert Today Florida's comprehensive approach to improve pedestrian and bicycle safety through education and enforcement. It also supports the City's Vision and Strategic Plans, and Vision Zero Fort Lauderdale, a community action plan geared toward achieving zero fatalities and severe injuries on City streets. Learn more at www.fortlauderdale.gov.

HIT BY A VEHICLE TRAVELING **40** MPH
ONLY 1 OUT OF 10 **PEDESTRIANS** SURVIVE

HIT BY A VEHICLE TRAVELING **30** MPH
5 OUT OF 10 **PEDESTRIANS** SURVIVE

HIT BY A VEHICLE TRAVELING **20** MPH
9 OUT OF 10 **PEDESTRIANS** SURVIVE

If you would like this publication in an alternate format, please call (954) 828-4755 or email pubicaffairs@fortlauderdale.gov. ♻ Printed on recycled paper.



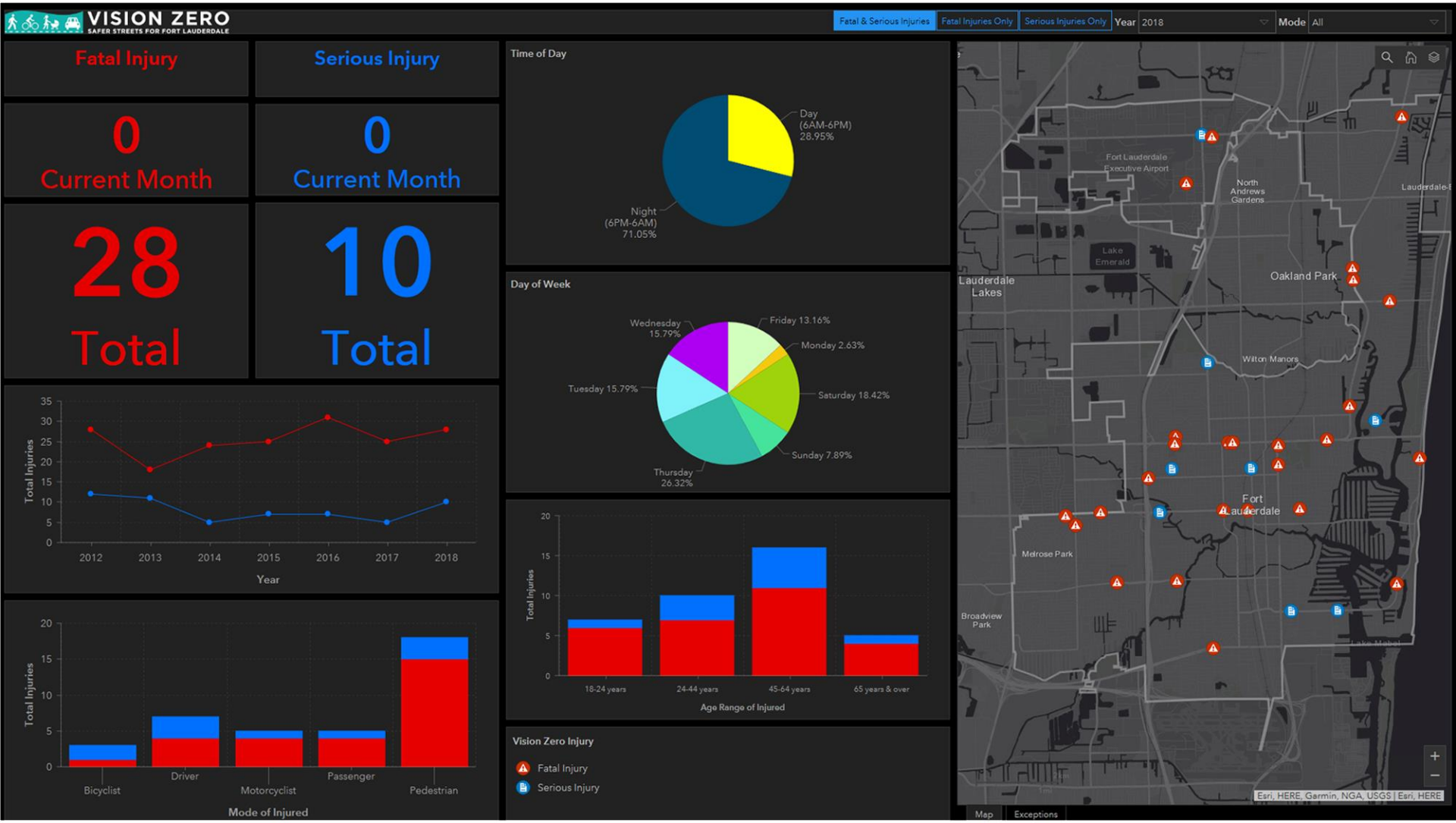
Enforcement

VISION ZERO BASELINE DATA

VISION ZERO

SAFER STREETS FOR FORT LAUDERDALE

VISION ZERO DASHBOARD

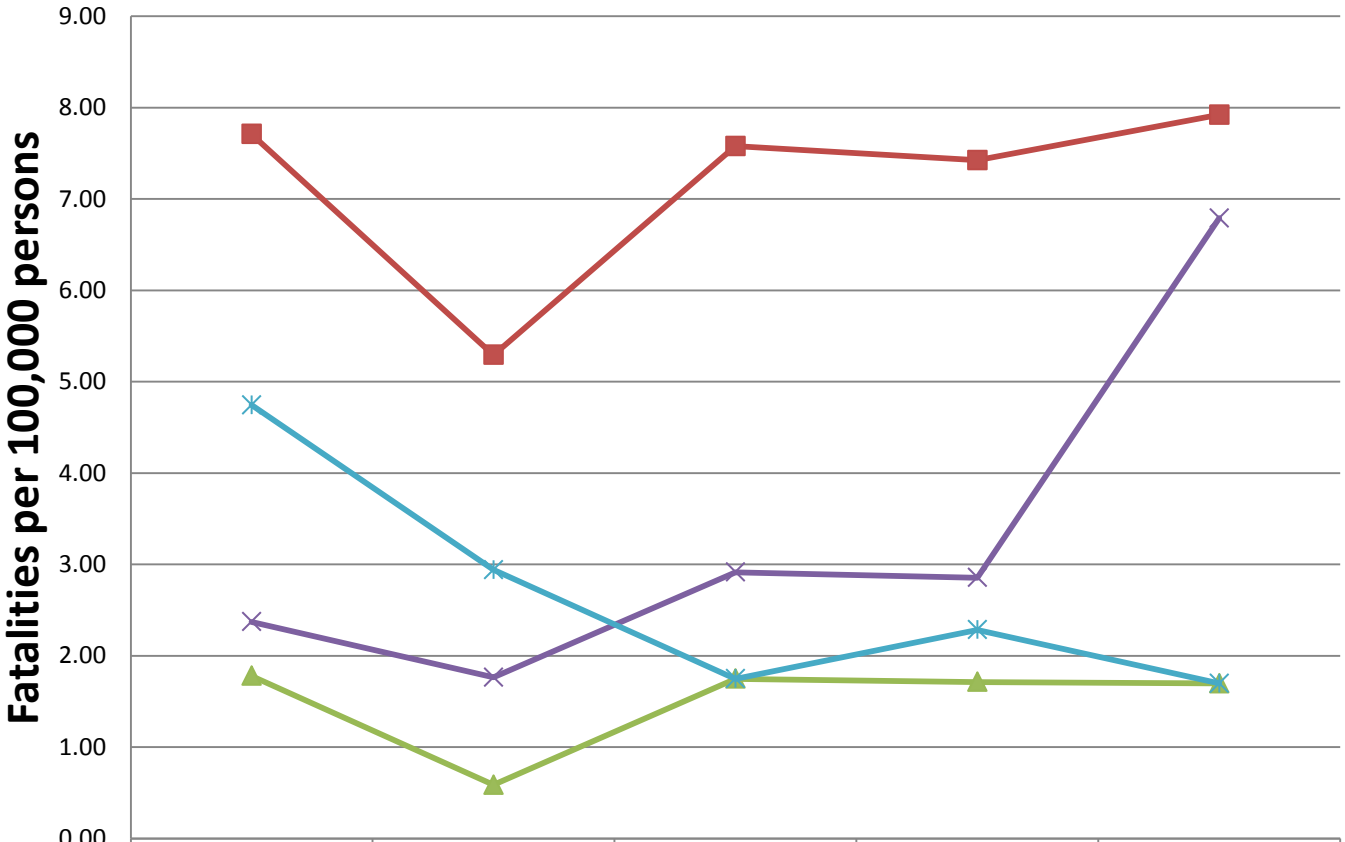


2018 CURRENT DATA AS OF 11.12.2018

VISION ZERO SAFER STREETS FOR FORT LAUDERDALE

BASELINE CONDITIONS

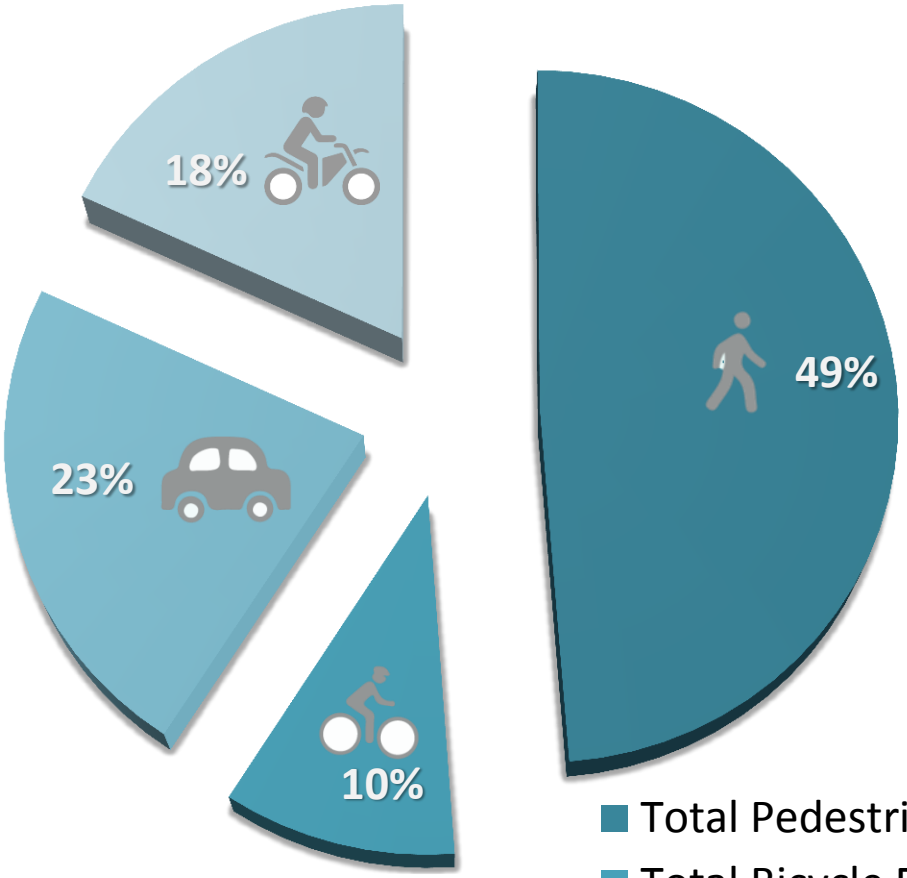
Fatal Traffic Crashes Prevalence



	2012	2013	2014	2015	2016
Total Pedestrian Fatalities	7.71	5.29	7.58	7.42	7.92
Total Bicycle Fatalities	1.78	0.59	1.75	1.71	1.70
Total Vehicular Fatalities	2.37	1.76	2.91	2.86	6.79
Total Motorcycle Fatalities	4.74	2.94	1.75	2.28	1.70

BASELINE CONDITIONS

5-Year Fatal Crash Distribution



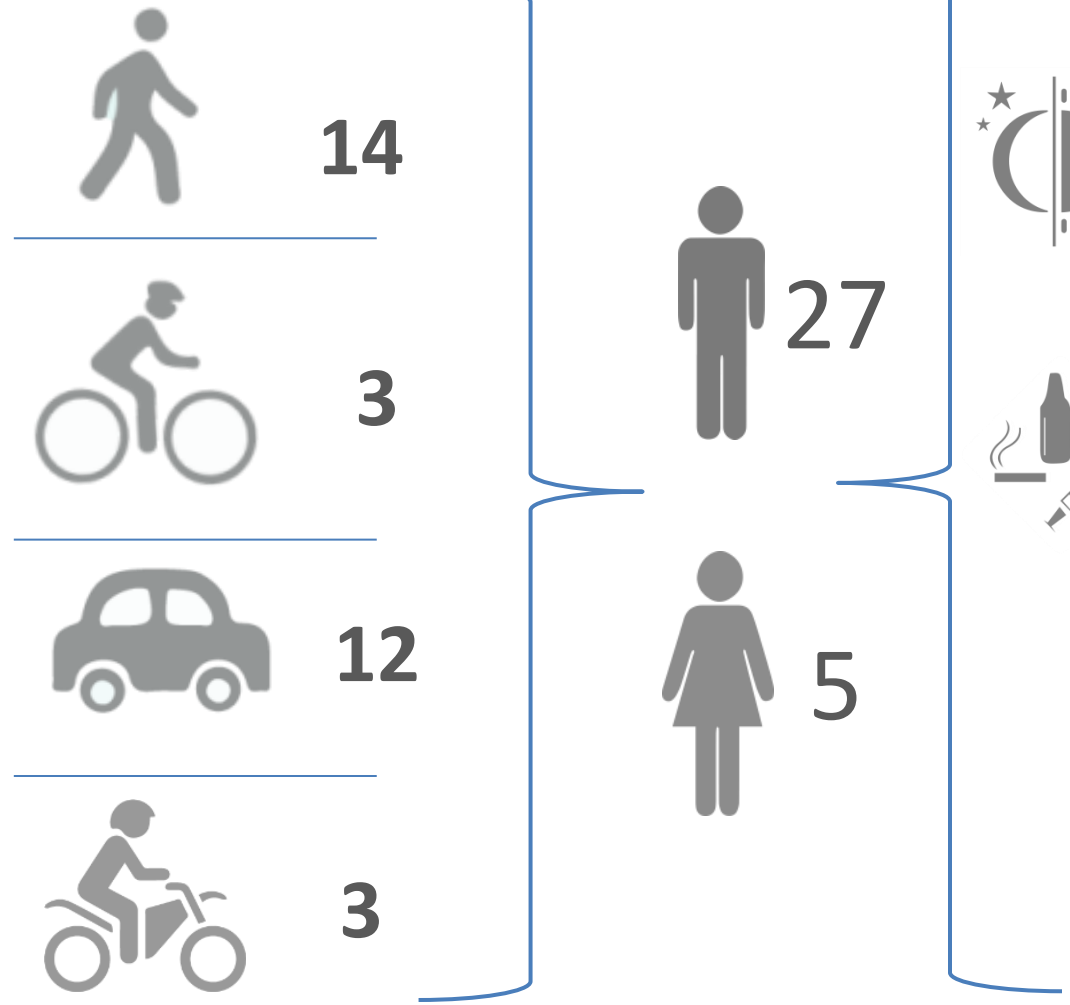
- Total Pedestrian Fatalities
- Total Bicycle Fatalities
- Total Vehicular Fatalities
- Total Motorcycle Fatalities



MODE ANALYSIS 2012-2016

VISION ZERO
SAFER STREETS FOR FORT LAUDERDALE

BASELINE CONDITIONS



Time of Day

- 21 fatalities at night
- 11 fatalities in daytime

Contributing factors

- 12 under the influence

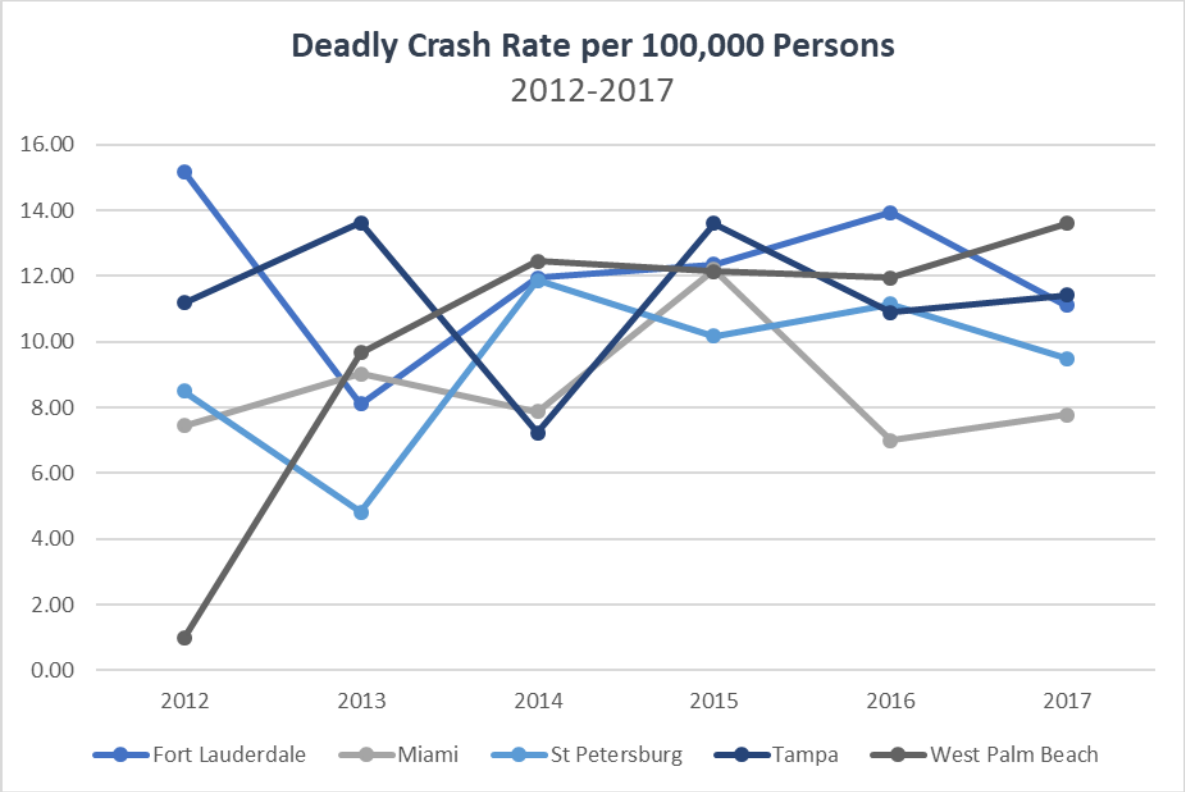
Age

- 6% under 18 years old
- 16% over 65 years old

2016 CHARACTERISTICS

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SAFER STREETS FOR FORT LAUDERDALE

BASELINE CONDITIONS



	2012	2013	2014	2015	2016	2017
Fort Lauderdale	15.19	8.11	11.95	12.36	13.94	11.11
Miami	7.45	9.02	7.88	12.21	7.01	7.77
St Petersburg	8.51	4.83	11.87	10.17	11.16	9.50
Tampa	11.19	13.62	7.24	13.60	10.90	11.42
West Palm Beach	0.98	9.67	12.45	12.15	11.95	13.61

Data Source: Signal Four Analytics, Fatalities within 30 days, City Police Department only, 2012- 2017

ZERONG IN 2022

VISION ZERO

SAFER STREETS FOR FORT LAUDERDALE

ZEROING IN 2022

Champions & VIPs

EVALUATION

Start with data

ENGINEERING

Speed management

EDUCATION

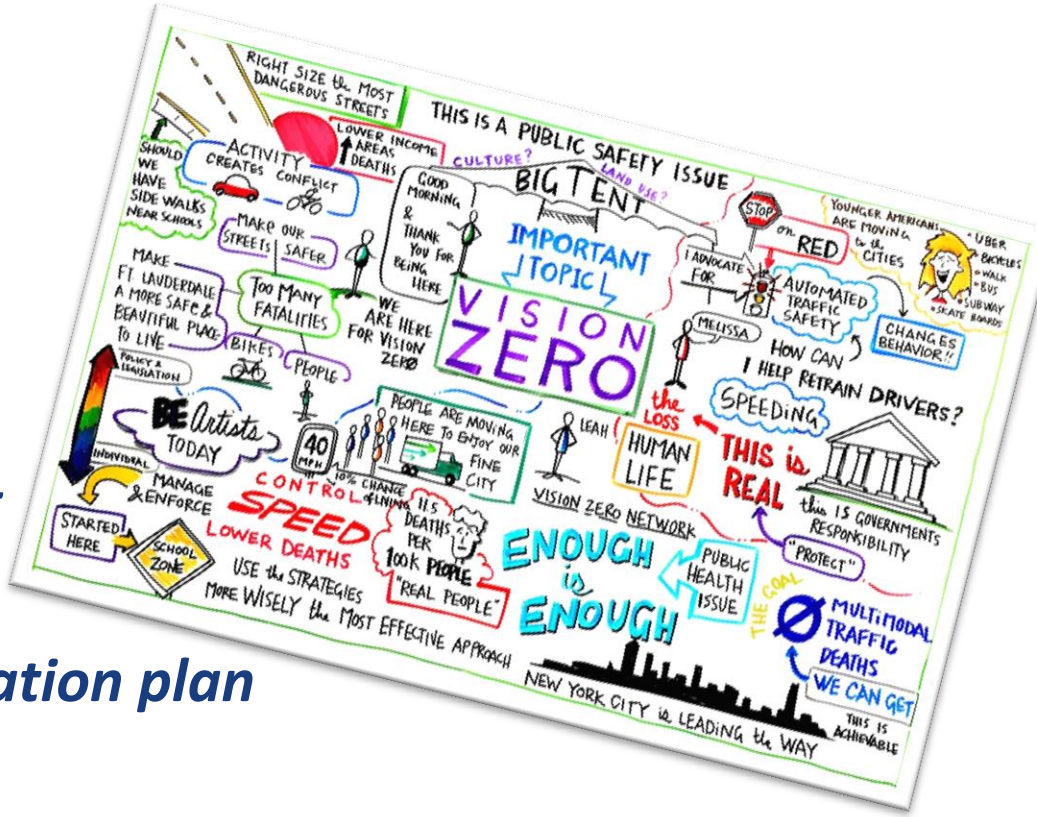
Marketing education plan

ENCOURAGEMENT

Utilize existing events

ENFORCEMENT

Safety campaign with projects



ENGINEERING

Objective	Objective Number	Strategy	Conceptual	Underway	Expand	Implementing Partner Agencies	Timeline (2018-2022)
Reduce crashes at targeted hotspot locations through design	1.1	Conduct lighting study along corridors with history of deadly crashes and serious injuries during hours of reduced light, and recommend enhancements.	✓	✓		TAM, Parks & Recreation, PW, FPL, FDOT, BC	2018-2019
		a. Work with Partners to implement lighting improvements	✓	✓		TAM, Parks & Recreation, PW, FPL, FDOT, BC	2018-2022
	1.2	Develop a policy (e.g., procedure, ordinance, etc.) requiring projects at defined, targeted hotspot locations to be designed with vertical separation (e.g., curbs, delineators, parking, planters, etc.) between moving vehicles and bicyclists/pedestrians	✓			BC, FDOT, MPO, TAM	2019
	1.3	Design infrastructure for the desired vehicular speed, as identified by speed studies		✓	✓	TAM	2018-2022
	1.4	Install new crosswalks and enhance existing crosswalks through project design		✓	✓	BC, FDOT, TAM	2018-2022
	1.5	Advocate for relocating bus stops or aligning crosswalks with bus stop locations to create safer crossings and integrate innovative signage/ marking(s) to encourage crossing adherence		✓	✓	BC, BCT, MPO, FDOT, TAM	2018-2022
	1.6	Advocate for the elimination of high-speed right turns at defined, targeted hotspot intersections	✓	✓		BC, FDOT, TAM	2018-2022
	1.7	Implement innovative signal improvements for pedestrian safety (e.g., all walk signalization, pre-timed signal operations, Leading Pedestrian Interval, etc.)	✓	✓		BC, TAM	2018-2022
Reduce conflict with trucks/large vehicles and vulnerable users	1.8	Identify priority truck routes to minimize conflict with other modes	✓			DSD, FDOT, MPO, TAM	2019

EDUCATION

Objective	Objective Number	Strategy	Conceptual	Underway	Expand	Implementing Partner Agencies	Timeline (2018-2022)
Raise awareness and educate through marketing and outreach of Vision Zero	2.1	Create a Vision Zero marketing plan	✓	✓	✓	SCO, TAM	2018
		a. Develop Vision Zero City Community Builder awareness program	✓	✓	✓	CMO, HR, PW (Sustainability), TAM	
		b. Develop advertisements for digital awareness campaign using location-based technology and social media platforms	✓			CVB, FDOT, SCO	
		c. Have Vision Zero representation at City-sponsored events		✓	✓	FLPD, TAM	
		d. Conduct at least two Vision Zero presentations a year to include Council of Fort Lauderdale Civic Associations and individual civic associations		✓	✓	BC, FDOT, FTL, MPO	
	2.2	Create a public education/engagement plan for safe behaviors	✓	✓	✓	FLPD, FR, MPO, SCO, TAM	2018
		a. Develop a Vision Zero component to be incorporated into the safety training for fleet driver education programs and Community Builder orientation programs	✓	✓		BCT, HR, PW (Sustainability), Sun Trolley	
		b. Develop an educational campaign for all new infrastructure projects to increase safe behaviors (e.g., project signage, pamphlets, public meeting notices, Maintenance of Traffic (MOT) closure notices, traffic advisories, etc.)		✓	✓	BC, FDOT, FLPD, FR, MPO, NS, PW, TAM	
		c. Develop a safety training program for school-aged children		✓	✓	BC, FLPD, P&R, ReadingPals, SCO, WalkSafe	
		d. Develop a campaign to educate motorists on signal timing and proper behavior	✓			BC, FDOT, NS, SCO, TAM	
		e. Develop a campaign to educate bicyclists/pedestrians on proper behavior, including targeting top 10 crash corridors	✓	✓		BCT, FDOT, MPO, NS, SCO, TAM	
		f. Develop a campaign to educate transit riders on safe behaviors		✓	✓	BCT, SCO, Sun Trolley, TAM	

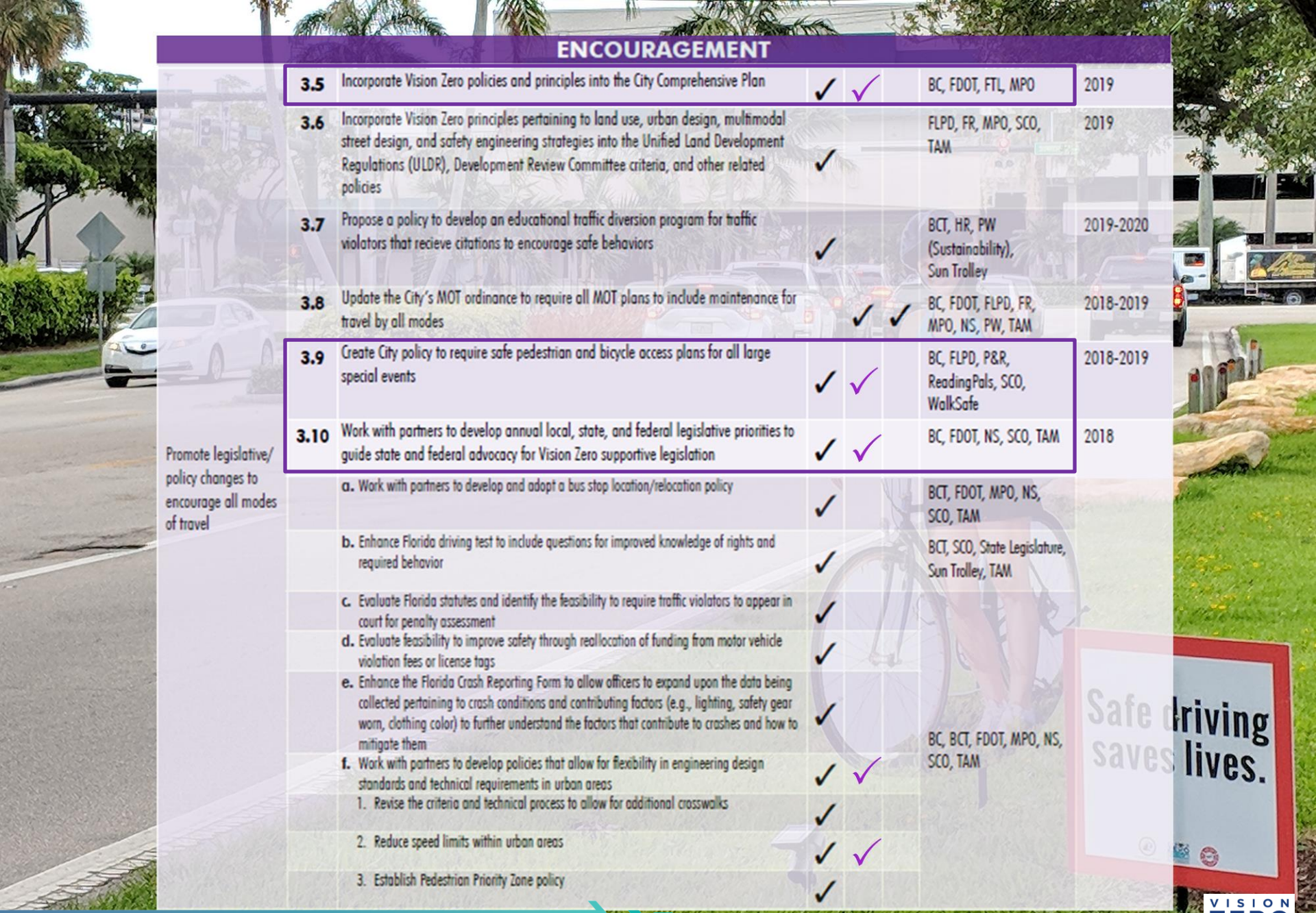


ENCOURAGEMENT

Objective	Objective Number	Strategy	Conceptual	Underway	Expand	Implementing Partner Agencies	Timeline (2018-2022)
Utilize City facilities, programs, and equipment to encourage safer behavior	3.1	Create an internal Vision Zero Task Force comprised of Community Builders from City departments to operationalize Vision Zero		✓	✓	SCO, TAM	2018
	3.2	Explore creating a City Bicycle Ambassadors Program	✓			CMO, HR, PW (Sustainability), TAM	2019
Encourage safe behavior through activities and events	3.3	Host annual street safety events at top 10 crash intersections to provide educational materials and training on proper street behavior		✓	✓	CVB, FDOT, SCO	2018-2022
	3.4	Execute four neighborhood-led safety events each year	✓	✓		FLPD, TAM	2018-2022

ENCOURAGEMENT (Part 1)

VISION ZERO
SAFER STREETS FOR FORT LAUDERDALE



ENCOURAGEMENT

3.5	Incorporate Vision Zero policies and principles into the City Comprehensive Plan	✓	✓	BC, FDOT, FTL, MPO	2019
3.6	Incorporate Vision Zero principles pertaining to land use, urban design, multimodal street design, and safety engineering strategies into the Unified Land Development Regulations (ULDR), Development Review Committee criteria, and other related policies	✓		FLPD, FR, MPO, SCO, TAM	2019
3.7	Propose a policy to develop an educational traffic diversion program for traffic violators that recieve citations to encourage safe behaviors	✓		BCT, HR, PW (Sustainability), Sun Trolley	2019-2020
3.8	Update the City's MOT ordinance to require all MOT plans to include maintenance for travel by all modes	✓	✓	BC, FDOT, FLPD, FR, MPO, NS, PW, TAM	2018-2019
3.9	Create City policy to require safe pedestrian and bicycle access plans for all large special events	✓	✓	BC, FLPD, P&R, ReadingPals, SCO, WalkSafe	2018-2019
3.10	Work with partners to develop annual local, state, and federal legislative priorities to guide state and federal advocacy for Vision Zero supportive legislation	✓	✓	BC, FDOT, NS, SCO, TAM	2018
Promote legislative/ policy changes to encourage all modes of travel	**a.** Work with partners to develop and adopt a bus stop location/relocation policy	✓		BCT, FDOT, MPO, NS, SCO, TAM	
	b. Enhance Florida driving test to include questions for improved knowledge of rights and required behavior	✓		BCT, SCO, State Legislature, Sun Trolley, TAM	
	c. Evaluate Florida statutes and identify the feasibility to require traffic violators to appear in court for penalty assessment	✓			
	d. Evaluate feasibility to improve safety through reallocation of funding from motor vehicle violation fees or license tags	✓			
	e. Enhance the Florida Crash Reporting Form to allow officers to expand upon the data being collected pertaining to crash conditions and contributing factors (e.g., lighting, safety gear worn, clothing color) to further understand the factors that contribute to crashes and how to mitigate them	✓		BC, BCT, FDOT, MPO, NS, SCO, TAM	
	f. Work with partners to develop policies that allow for flexibility in engineering design standards and technical requirements in urban areas	✓	✓		
	1. Revise the criteria and technical process to allow for additional crosswalks	✓			
	2. Reduce speed limits within urban areas	✓	✓		
	3. Establish Pedestrian Priority Zone policy	✓			

ENCOURAGEMENT (Part 2)

VISION ZERO
SAFER STREETS FOR FORT LAUDERDALE

ENFORCEMENT

Objective	Objective Number	Strategy	Conceptual	Underway	Expand	Implementing Partner Agencies	Timeline (2018-2022)
Strategically deploy enforcement resources based on identified hotspot locations and violations	4.1	Focus enforcement agencies on the defined top 10 crash corridors and focus violations on top 3 violations during peak crash times		✓	✓	BSO, FDOT, FHP, FLPD, TAM	2018
	4.2	Develop and implement training for all FLPD officers on Vision Zero principles, including the review of pedestrian/bicyclist laws and crash statistics		✓	✓	FLPD	2018
Encourage safe behavior through activities and events	4.3	Develop a Crash Facts report for Neighborhood Action Teams (NAT) to report on at assigned monthly neighborhood association meetings		✓	✓	FLPD	2019
Promote legislative/policy changes to encourage all modes of travel	4.4	Focus multimodal enforcement campaigns following the opening of new projects to increase safety on various roadway features (e.g., roundabouts, buffered bike lanes, etc.)	✓	✓	✓	FLPD, SCO, TAM	2018



EVALUATION

Objective	Objective Number	Strategy	Conceptual	Underway	Expand	Implementing Partner Agencies	Timeline (2018-2022)
Increase the amount and usefulness of data collected to support data-driven application of resources and 5E initiatives	5.1	Develop a procedure to perform an in-depth analysis of crashes to include roadway classifications, volumes, and crash conditions to support identifying the appropriate "E" solution(s)	✓	✓		FDOT, FLPD, FR, TAM	2019
	5.2	Develop targeted performance measures based on data analysis tools to measure success of implementation strategies	✓	✓	✓	TAM	2018
	5.3	Develop a template for conducting speed studies for streets to use in partnership with FLPD on an ongoing basis	✓			TAM	2019
	5.4	Identify/develop additional tools (e.g., crash reporting, data collection, etc.) to support data-driven application of resources		✓	✓	FDOT, FLPD, MPO, TAM	2018-2019
	5.5	Collect mode share information for elementary, middle, and high school students residing in, or attending school in, the City of Fort Lauderdale	✓			BCPS, TAM	2019
	5.6	Require traffic studies to include, at a minimum, three years of traffic crash data		✓	✓	DSD, TAM	2018
	5.7	Complete traffic studies at the top 10 high crash intersections to identify needed improvements	✓	✓		FDOT, TAM	2018-2019
Enhance decision-making through the use of data	5.8	Conduct an evaluation of projects where temporary/tactical urbanism infrastructure projects can be implemented		✓	✓	TAM	2019
	5.9	Include crash data metrics in the annual prioritization process of the City's Community Investment Projects		✓	✓	PW, TAM	2018
	5.10	Incorporate crash data metrics into the City's Development Review Process		✓	✓	TAM	2018
Make measured progress toward realizing Vision Zero	5.11	Develop a reporting procedure that includes survey data, field data, and crash data to evaluate before and after conditions of Vision Zero projects, programs, and infrastructure projects		✓	✓	TAM	2018

MEASURING PROGRESS

- Annual reduction of citations for Top 3 violations
- Implementation of engineering elements per mile
  - protected bike lanes, sidewalks, landscape buffers, signal improvements
- Before and After Project Results
- Track number of participants at Vision Zero awareness safety events
- Number of Community Improvement Plan projects addressing safety
- Number of employees/fleet drivers trained
- Number of local, state, federal policies and legislation changes/adoptions
- Number of Vison Zero Actions in progress/complete
- Evaluate progress based on mode (including dockless mobility)

UPCOMING KEY PROJECTS

- Vision Zero Predictive Analytics Pilot Program
- Bicycle and Pedestrian Count Program
- 2019 Legislative Priorities
- 2019 Transportation Summit
- 2019 Programmed Engineering Projects



VISION ZERO

SAFER STREETS FOR FORT LAUDERDALE

fortlauderdale.gov/visionzero

/cityoffortlauderdale

#VisionZeroFTL #VZFTL

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CHOOSE ZERO. SAVE LIVES.